For Office Use Only: EHSREC No: __ /___

UNIVERSITY OF LIMERICK RESEARCH ETHICS COMMITTEE

RISK ASSESSMENT FORM – PROCEDURES INVOLVING HUMAN SUBJECTS

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RISK ASSESSMENT FORM - PROCEDURES INVOLVING HUMAN SUBJECTS

Procedure No 2016_12_19_6A

Title or Procedure [Collection and Storage of Human Saliva

Name of Assessor(s) I Dr.Joseph Bass/ Prof **P** Jakeman **Assessment Date** 03/11/2016

Does lhis procedure already have ethical approval'! (Delete as appropriate) **NO**

If **YES,** enter ethical number and expiry date

Approval No:

Expiry Date: 2/11/2026 /

1 Please provide a brief description of the procedure

I. Subjects should be nil by mouth for 30 minutes prior to collection
2. In a 5ml falcon tube, subjects provide a small saliva sample (<I ml) (This can be done either in the laboratory or at the subjects' home)
3. Saliva samples may be stored shorHerm in a fridge @0-5 °C (<24hr)
4. Saliva samples are transferred to a clean Eppendorf tube and centrifuged lo pellet debris
5. Supernatant is transferred to an autosampler vial and capped for long-tenn storage at -20°C

[2 **Location in which the procedure may take place**

LJ I Project Laboratory (Room No: PG051)

I Research Laboratory (Room No: PG052b)

D

D

13 **Eligibility of subject(s) to be used**

CJ PESS student (U.G. or P.G.)

LJ I University s1aff or campus personnel

[J Members of the general public engaged in research projects granled ethical approval.

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FOR COMPLETION BY HEAD OF DEPARTMENT

RISK ASSESSMENT FORM - PROCEDURES INVOLVING HUMAN SUBJECTS

IN THE DEPARTMENT_OF: PHYSICAL EDUCATION AND SPORT SCIENCES

Procedure No _____

Title of Procedure (Collection and Storage of Human Saliva

Name of Assessor(s) [Dr.Joseph Bass/ Prof P Jakeman **Assessment Date** 03/ ll/20161

S **Approval of procedure**

D Granted

D [Subject to conditions (see below)

Others, please specify

D _____

D _____

Comments/conditions

Jnfonned consent must be completed.

Signed: [signature] (Head of Department) Date: JO / II I I b

Saliva collection

Procedure to be followed -

IT IS VERY IMPORTANT THAT ALL SAMPLES ARE PROCESSED AND STORED AS SOON AFTER COLLECTION AS POSSIBLE, ANY DELAY IN THIS PROCESSING HAS TO BE AVOIDED TO PREVENT ANY DILUTION OF ENRICHMENT OF THE SAMPLES DUE TO EVAPORATIONrfRANSFER OF MOISTURE THROUGH PLASTIC COLLECTION CONTAINER WALLS.

1. Saliva samples should be collected in 5ml sterile falcon tubes, subjects need only provide a small amount of sample <<Iml **(NOTE:** If **subjects are self-collecting at own home, samples should be stored refrigerated** @ **0-5** °C).

NB: - Saliva should be collected at least 30 min post-ingestion of food or drink to avoid dilution of tracer.

2. Upon receipt of sample to laboratory it can be safely stored for a short period (~lday) in the fridge @ 0-5 °C

3. Each sample is then pipetted into an Eppendorf (samples can be quite viscous so care should be taken at this point) and centrifuge at 13,000rpm for 10min at 4°C to pellet cell debris.

4. The supernatant should then be transferred into a clean autosampler vial and capped.

5. Samples are now safe to store for extended periods at -20°C

6. Log sample location

Emergency / spillage procedure - If sample is spilled, mop up with absorbent towel, decontaminate area with detergent, Virkon, gloves and lab coat to be worn.

Disposal and decontamination - Clean with detergent wipe and then disinfect with 1% Sodium Hypochlorite solution and dispose of wipes into an incineration bag. Dispose of tissue in clinical bin for incineration.